

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1282878

Luminaire Tested: P3AS09R25B2750DE010 E3D1WH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282878
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3D1WH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

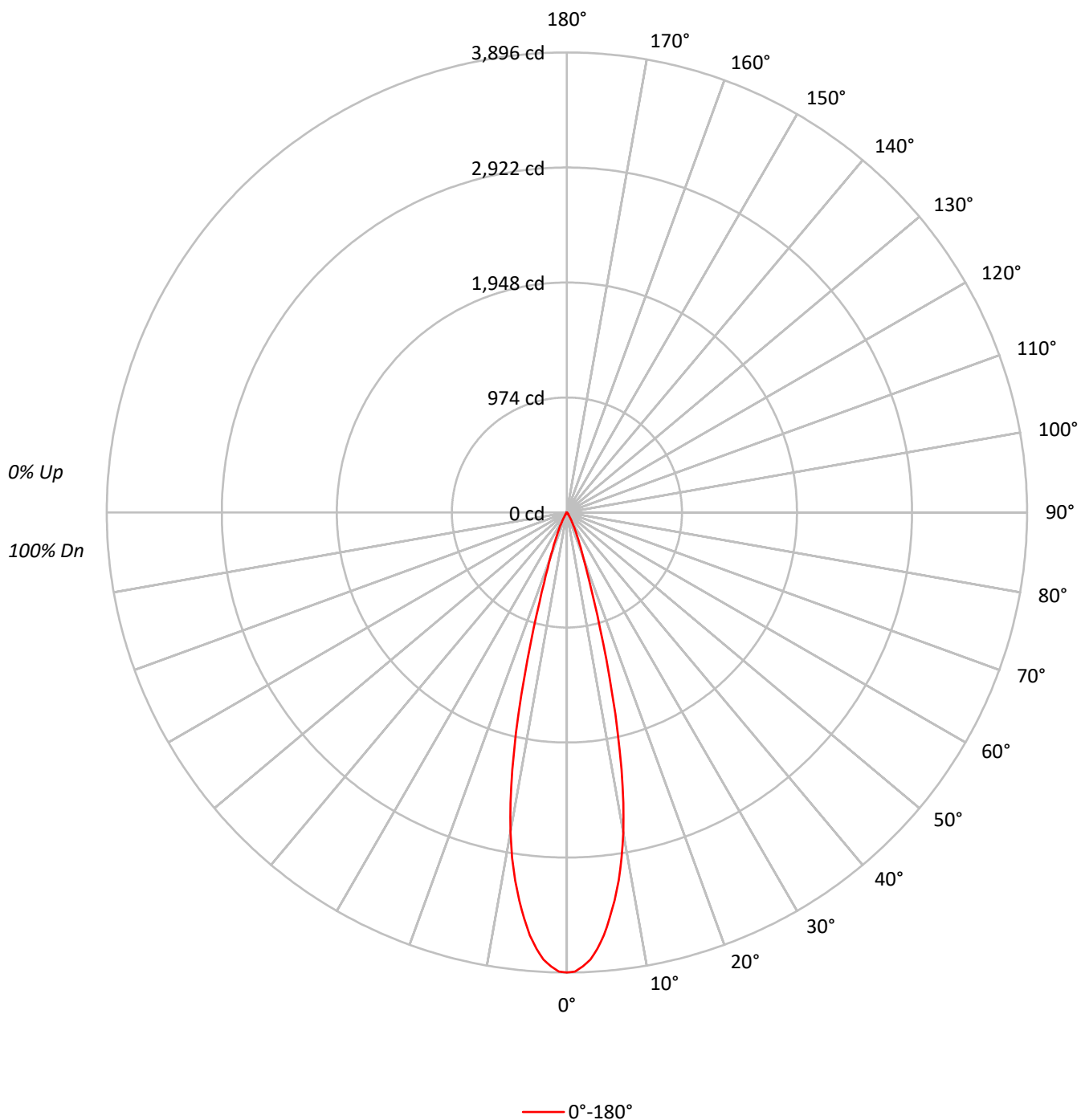
Lumens per Lamp: N/A
Luminaire Lumens: 780.0 lumens
Efficiency: N/A
Efficacy: 59.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20							
RC	80				70				50				30				10				0			
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR																								
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100			
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97			
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94	94			
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92			
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89			
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87			
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85			
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83			
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81			
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79			
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	854252
5°	791325
10°	612258
15°	292442
20°	96422
25°	40648
30°	15749
35°	6826
40°	2261
45°	1054
50°	375
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1054 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	316.0	40.5
10°-20°	359.4	46.1
20°-30°	83.5	10.7
30°-40°	17.5	2.2
40°-50°	2.8	0.4
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	758.9	97.3
0°-40°	776.5	99.5
0°-60°	779.8	100.0
0°-90°	780.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	780.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3896	
5°	3595	316
15°	1288	359
25°	168	84
35°	26	18
45°	3	3
55°	1	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3895.7
1°	3887.8
2°	3847.3
3°	3790.5
4°	3703.6
5°	3595.0
6°	3455.6
7°	3309.7
8°	3145.9
9°	2961.3
10°	2749.7
11°	2504.5
12°	2223.1
13°	1914.9
14°	1592.5
15°	1288.2
16°	1019.0
17°	793.8
18°	624.4
19°	499.4
20°	413.2
21°	345.3
22°	289.9
23°	242.1
24°	202.5
25°	168.0
27.5°	99.5
30°	62.2
32.5°	39.9
35°	25.5
37.5°	15.3
40°	7.9
42.5°	5.1
45°	3.4
47.5°	2.0
50°	1.1
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)